

In re Patent Application of:  
**BRUNA ET AL.**  
Serial No. **09/901,458**  
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**In the Specification:**

Please replace the paragraph beginning at page 14, line 11, with the following rewritten paragraph:

For example, FIG. 2 shows a relation between the basic compression factor  $bp_b$  and the gain factor  $G$  for a camera having a CDD with 1 million light-sensitive cells and for images of 640x480 pixels, with a factor  ~~$S=0.2$~~   $S=0.2$  and a target compression factor  $bp_t=2$  bit/pel. This relation can be interpolated as a quadratic function. In other words, the gain factor  $G$  can be estimated using the relation

$G=C_2 \cdot bp_b^2 + C_1 \cdot bp_b + C_0$ . The parameters  $C_2$ ,  $C_1$  and  $C_0$  depend on the characteristics of the camera 100 and the target compression factor  $bp_t$ .

Please replace the paragraph beginning at page 15, line 9, with the following rewritten paragraph:

The basic compression factor  $bp_b$  is calculated by summing the numbers  $ZZbits$  associated with ~~every~~ each block. A constant value indicating the number of bits required to encode the header of the compressed digital image  $JImg$  is then added to the sum. The result is divided by the number of pixels  $(N,M)$ .